

Figure 1 (Prior Art)

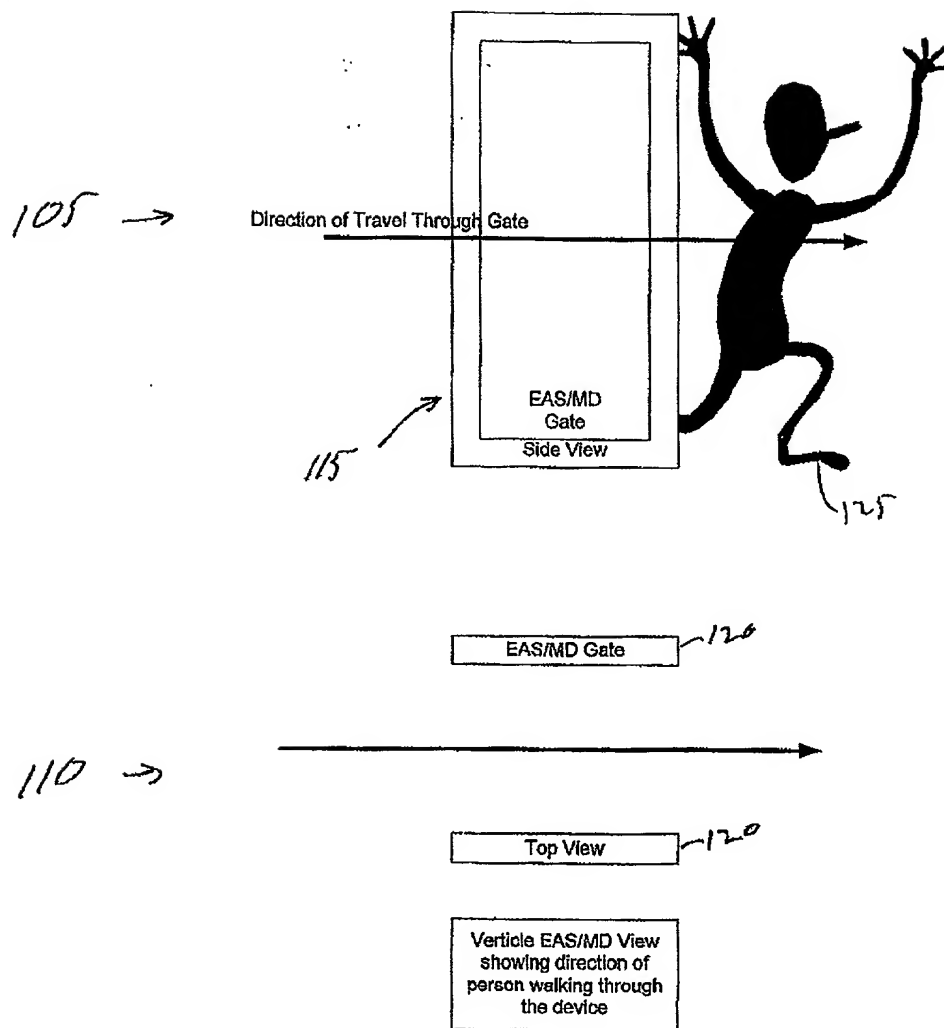
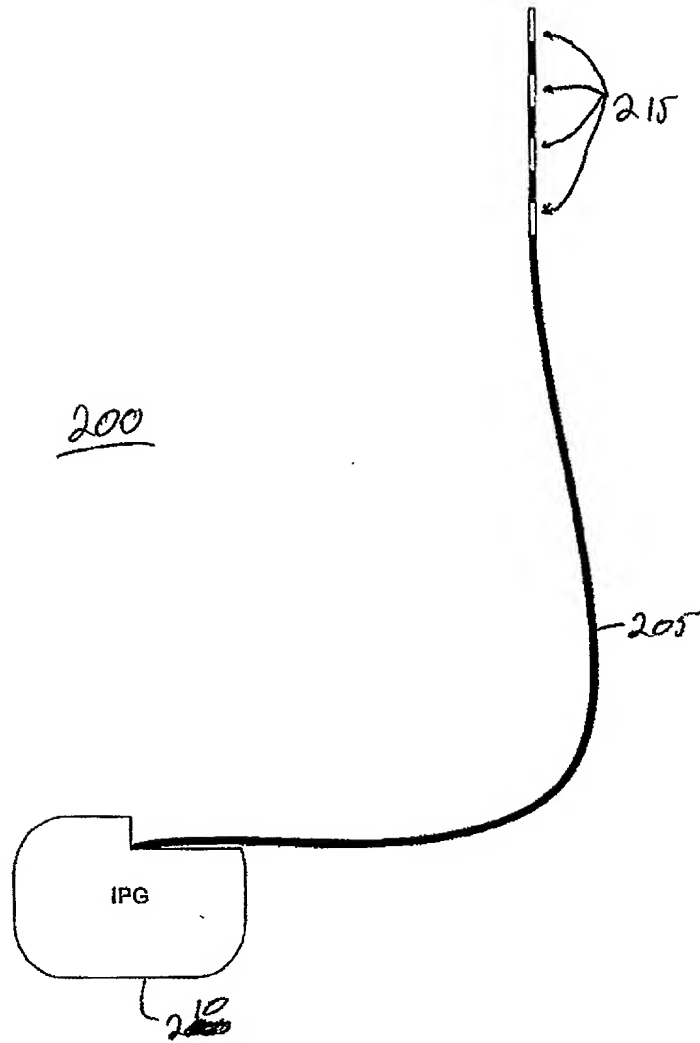
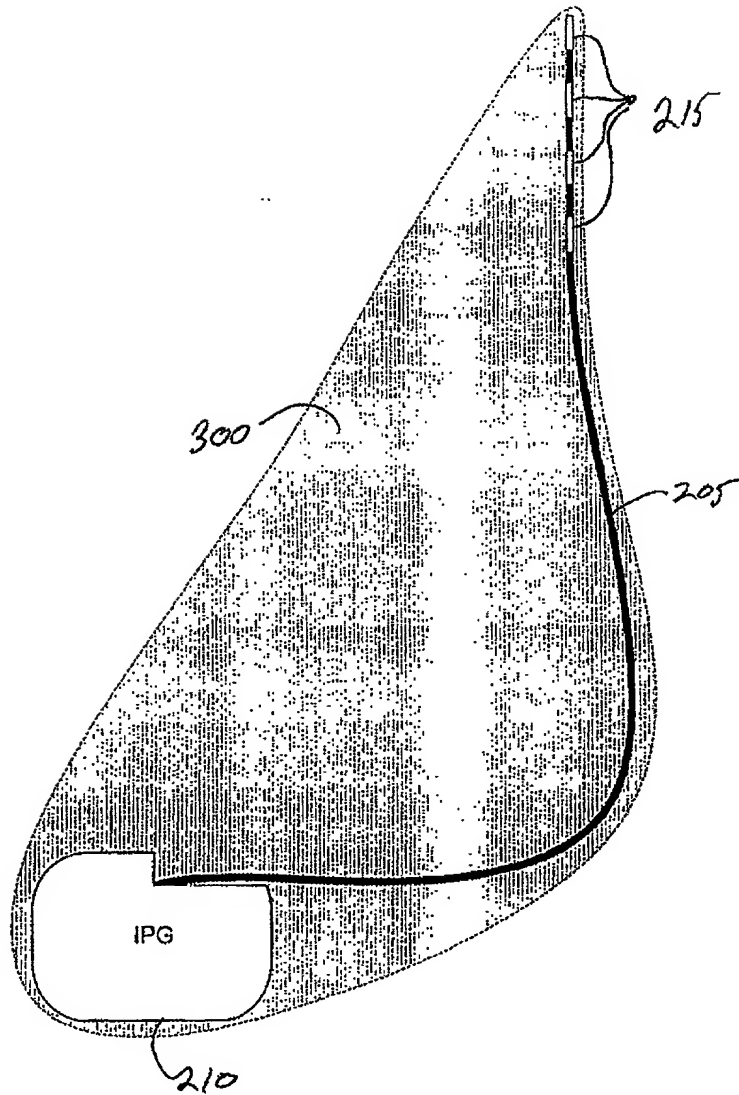


Figure 2 (Prior Art)



10034945-42201
TOP SECRET

Figure 3 (Prior Art)



TOCART 5454E00F

Figure 4 (Prior Art)

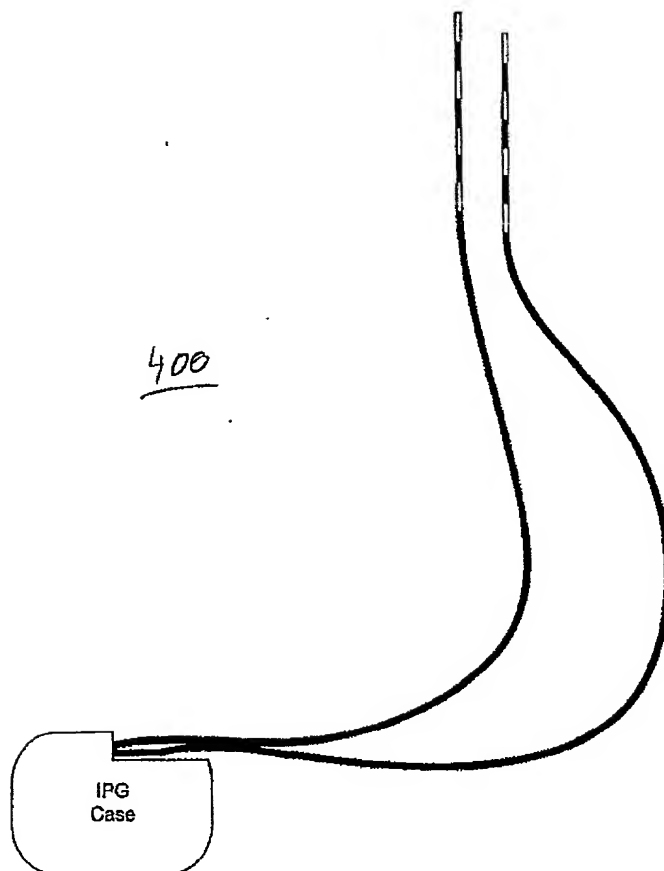


FIG. 4 is a schematic diagram of a cable assembly 400 connected to an IPG Case.

Figure 5 (Prior Art)

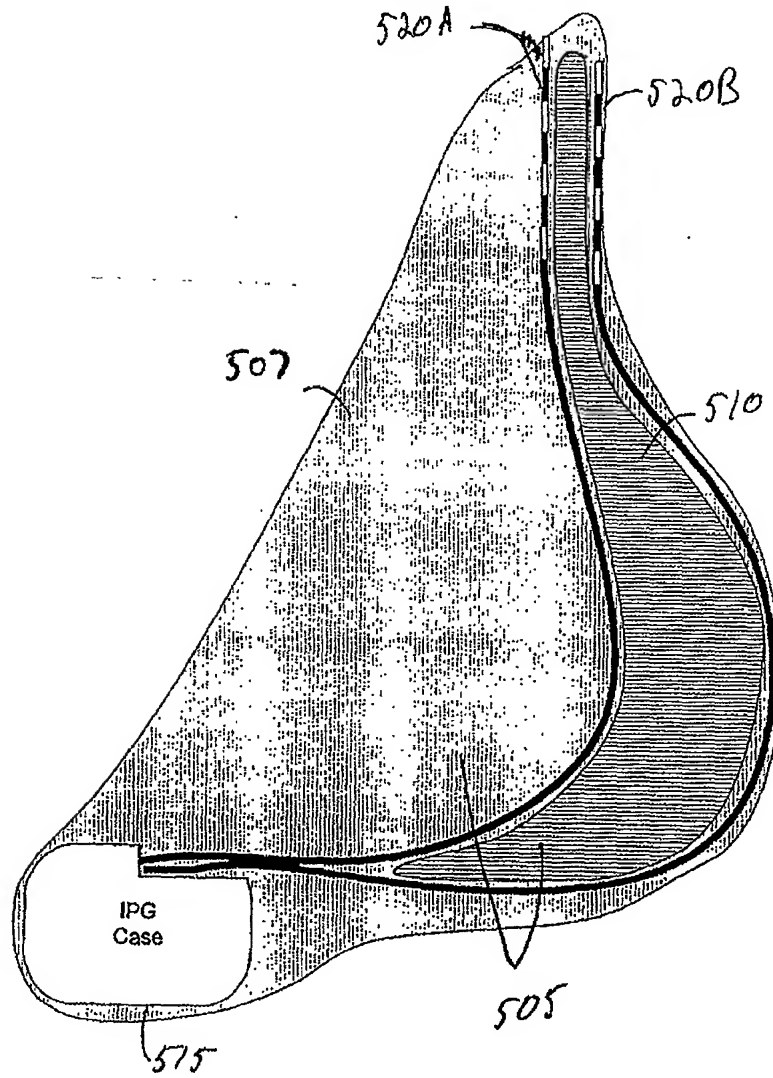
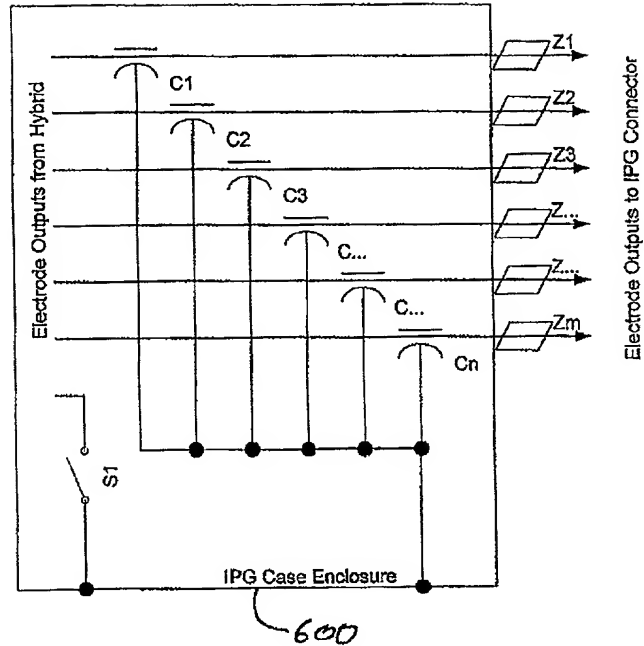


Figure 6



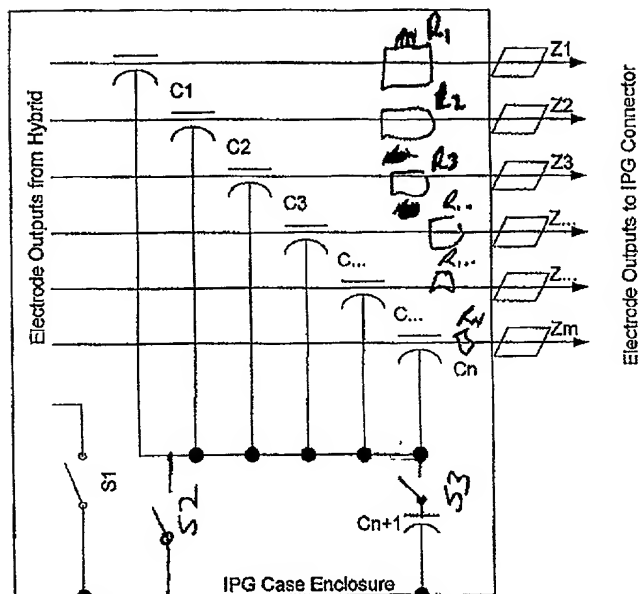
C1 thru Cn =
 Feedthrough Capacitors
 (part of feedthrough or separate capacitors)

Cn+1 = common EMC capacitor to IPG case

Z1 thru Zm =
 Impedance elements on outboard side of feedthroughs (may be ferrite
 bead, resistor, or inductor)

S1 = case electrode switch (may be electronic or mechanical such as
 a reed switch)

Figure 7



C1 thru Cn =
 Feedthrough Capacitors
 (part of feedthrough or separate capacitors)

Cn+1 = single case electrode

Z1 thru Zm = AC current blocking elements.
 Impedance elements on outboard side of feedthroughs capacitors
 (may be ferrite bead, resistor, or inductor)

S1 = optional switching device.
 S2 = optional switching device

S3 = optional switching device.

R1 - Rm = optional resistors

Figure 8

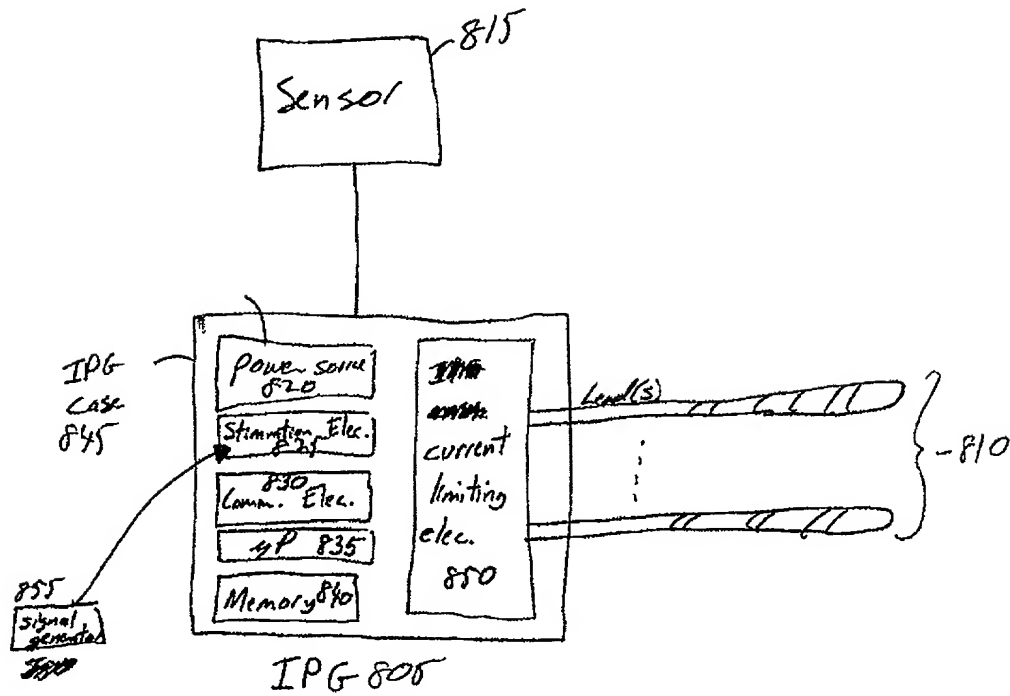
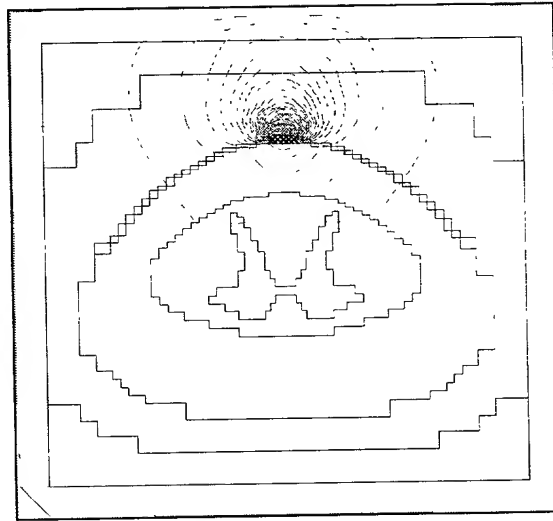
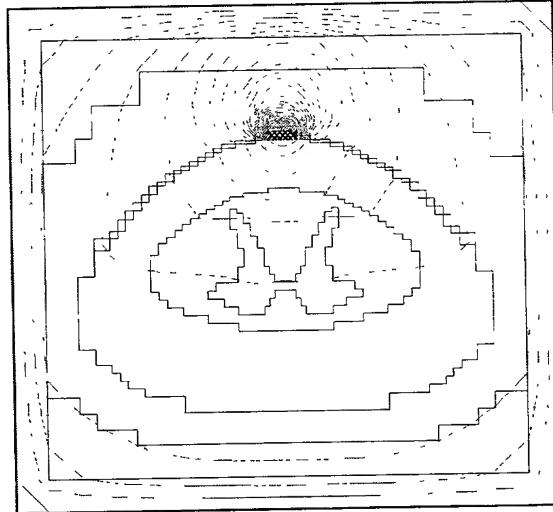


Figure 9: Potential fields - transverse view

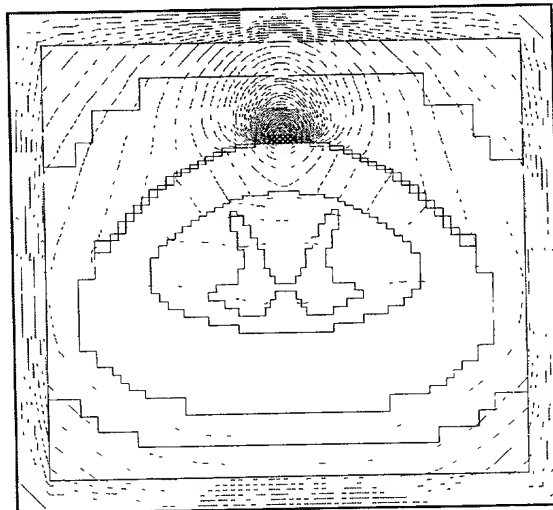
Regular bipole (6.5 mm spacing)



Virtual monopole



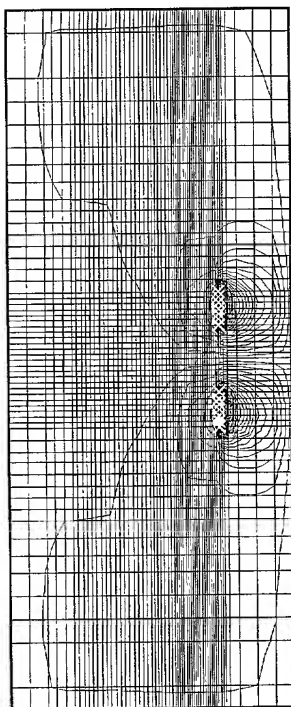
Monopole



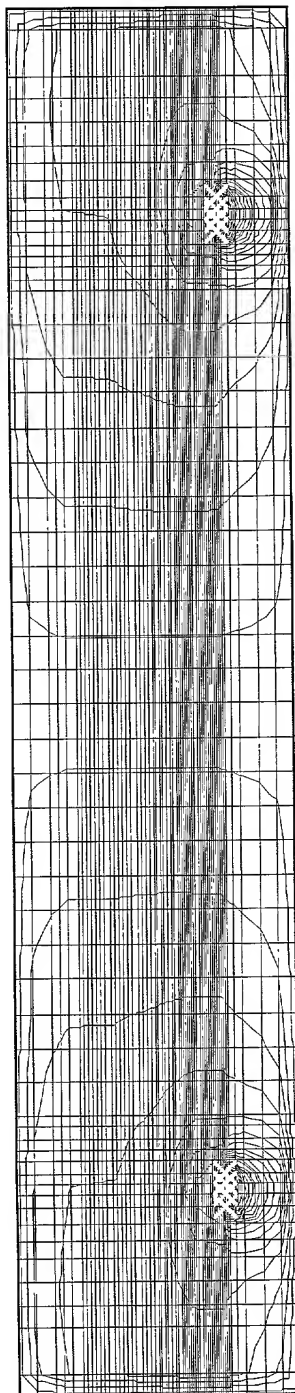
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Figure 10: Potential fields - sagittal view

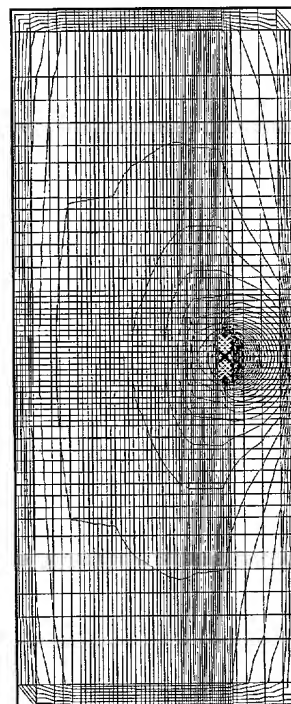
Regular bipole



Virtual monopole



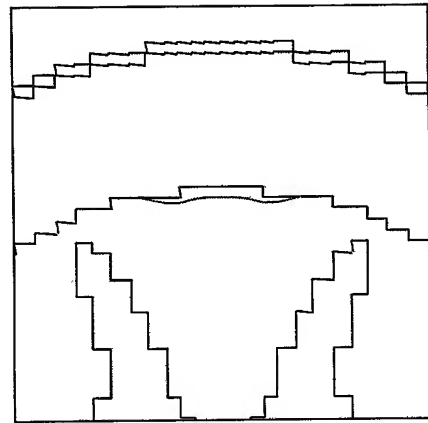
Monopole



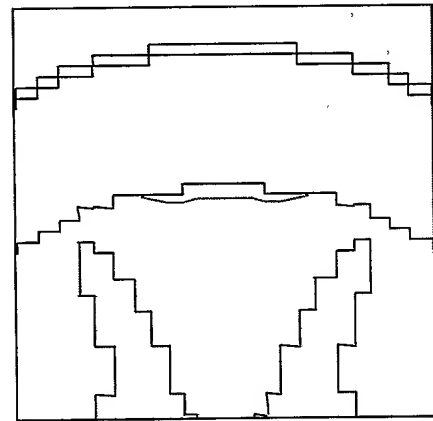
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Figure 11: Recruitment zones

Regular bipole (6.5 mm spacing)



Virtual monopole



Monopole

